

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A scroll compressor comprising:

a ~~fixed~~ first scroll including a first spiral wall standing on ~~[[one]]~~ an inner side face of ~~[[an]]~~ a first end plate, and ~~secured in place~~ said first scroll supported so as to float freely with respect to a frame secured to a housing;

~~an orbiting~~ a second scroll configured to orbit the first scroll and including a second spiral wall standing on ~~[[one]]~~ an inner side face of ~~[[an]]~~ a second end plate, and supported so as to be orbitally movable around an axis while being prevented from rotating, with the ~~[[two]]~~ first and second spiral walls engaged with each other, and

an elastic body, disposed external to the first scroll and external to the second scroll, pressing at least one of the ~~fixed~~ first scroll and the ~~orbiting~~ second scroll against the other scroll in an direction parallel to the axis,

wherein a back pressure chamber is provided on ~~the other~~ an outer side face of the first or second end plate ~~of at least one of the fixed scroll and the orbiting scroll~~, and ~~[[the]]~~ one scroll is pressed against the other scroll by introducing fluid which is compressed by the ~~fixed~~ first scroll and the ~~orbiting~~ second scroll into the back pressure chamber;

a step portion is provided on the one side face of at least one of the first and second end plates ~~plate of at least one of the fixed scroll and the orbiting scroll~~, which has a high part with a height thereof which is high at a central side in a spiral direction, and a low part with a height thereof which is low at an outer peripheral end side; and

an upper rim of the wall of the other of the ~~fixed~~ first scroll and the ~~orbiting~~ second scroll is divided into a plurality of parts to form a stepped shape including, corresponding to the parts, a low upper rim where the height of the part is low at a central side in the spiral

direction, and a high upper rim where the height of the part is high at an outer peripheral end side.

Claim 2 (Canceled).

Claim 3 (Currently Amended): ~~[[A]]~~ The scroll compressor according to claim 1, wherein the back pressure chamber is provided on the ~~other~~ outer side face of the ~~fixed~~ first scroll.

Claim 4 (Currently Amended): ~~[[A]]~~ The scroll compressor according to claim 1, wherein the back pressure chamber is provided on the ~~other~~ outer side face of the ~~orbiting~~ second scroll.

Claim 5 (Currently Amended): ~~[[A]]~~ The scroll compressor according to claim 4, comprising a bearing member which performs orbital movement while engaging the ~~other~~ outer side face of the end plate of the ~~orbiting~~ second scroll, wherein the back pressure chamber is provided between the ~~orbiting~~ second scroll and the bearing member.

Claim 6 (New): The scroll compressor according to claim 1, wherein the elastic member presses the first scroll against the second scroll and is not in direct contact with the second scroll.